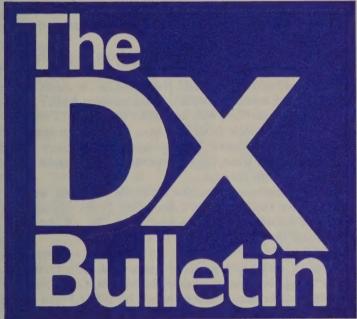
Bangladesh - S2 Ken Tanuma JA8CDG, JA1UT, and other amateurs will operate from Bangladesh Oct. 6-20, under a callsign to be announced (S21U?). They'll be active on all bands, including the new bands, on CW, SSB, and RTTY. On 40 meters, they will look for US east coast at their sunrise (0000Z), and for west coast around 1400Z. OSL via JA1UT

Market Reef - OJØ The OH1AF/OJØ operation continues to Oct. 12. Try 1835, 3505, 7005, 10105, 14025, 18075, 21025, 24895, and 28025 kHz on CW, and 1845, 3795, 7045, 14195, 18135, 21295, 24935, 28395, and 28495 kHz on SSB. On six meters, watch 50110 and 50130 kHz. QSL CW contacts to Timo Klimoff OH1NOA, Kp 7, SF-28760 Pori; and SSB contacts to Ari Korhonen OH1EH, Sampsankatu 1 D 28, SF-29200 Harjavalta, Finland.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Cocos Island - TI9 Jose de Pastora TI2JJP will operate as TI9,IJP from Cocos Island (NA-012) Nov. 1-11, mostly SSB on 10, 15, and 20 meters, with some RTTY. Try 14195, 21295, and 28495 kHz, listening up 5-15 kHz. QSL via TI2AOC direct only (no bureau cards): P. O. Box 529, Centro Colon 1007, San Jose, Costa Rica. US\$1 preferred for return postage.

Bahamas - C6 Wondy K5KR, Randy WX5L, and Mike W5ZPA will operate /C6A Oct. 19-23, on CW, SSB, and RTTY. QSL to home call, with SASE. please.

Easter Island - CEØ Erik Sjolund SMØAGD returns to the site of his first DXpedition 20 years ago, Oct. 28-Nov. 5. He'll sign /CEOY, mostly CW, concentrating on the new and low bands. With Erik will be his wife Eva SMØOTG and Thor LA7XB. QSL home calls.

October 9, 1992 **Shortly Noted**

- XQ9X is due on again from San Felix (SA-013), for about four months. QSL via CE3ESS. (DXNS.)
- 3D2BG is the callsign of SM4DHF Nov. 1-11. SM5LNE will also be active; callsign not yet known. Try 14153 and 21253 kHz on SSB, 3 kHz up on CW, and 14083 and 21083 kHz on RTTY. They'll be on the new bands as well. OSL home calls. (DXNS.)
- TT8/WA4OBO is due on mid-month, for 2-3 weeks. including an operation in CQWW SSB. QSL home call.
- S79IDY will be active Oct. 21-26; QSL via operator JA1IDY. (Japan DX News.)
- 9M6AG is the requested call of JA9AG Oct. 8-12 from Eastern Malaysia (9M6/JA9AG is the alternate call.) He has requested 6-meter operating permission.
- 5K3V is a special-event call Oct. 11, celebrating the 500th anniversary of the discovery of the Americas. 80-10 meters, CW, SSB, and RTTY. An award is available for working the station on three bands or modes. OSL to Liga Colombiana de Radioaficionados, P.O. Box 584, Bogota, Colombia.
- S21A reports that he has made more than 3,500 OSOs since receiving his license, mostly Europe and Japan, due to propagation. S21B's equipment is due next month.
- N4ZDA/VP9 will be active until the end of the year, mostly CW, on 80-10 meters, including the new bands; OSL WB2YOH.
- DXCC: 5R8GW's documentation has been accepted by the DXCC desk, for contacts after Dec. 12, 1991. Previously rejected cards may be re-submitted.
- SSB Nets: check-ins: 7180: (06Z) OX3KM 5V7DP; 14227: (11,22Z) V85CJ ZK2XF TU2JL 9M2ER VK9CY V85AA 9M8DB 9M8BL OY1HJ LU9HKK TL8IM OD5/SP1MHV; 14236: (03Z) HC8GR 9K2GS; 14243: (00Z) STØDX; 14256 (2330Z) VP8CFM FR5ZU/E C9RDM TL8NL VP8CKC TU4EA; 21335: (14Z) AP2JZB J28GG UD6AR C9RDM YC0FEO TU2JL.
- RTTY: FR5ZU/E has been worked on 21084 kHz at 1820Z, and on 14084 kHz at 0345Z and 1225Z.

CQWW SSB Operations

- ZB2X will be active on 40-10 meters, with OH2KI operator, and QSL route.
- YJ@C is the multi-single call of Goran SM4DHF and Jan SM5LNE. They'll be in Vanuatu Oct. 21-31, with Jan signing YJØB outside the test. They will concentrate on CW and RTTY, on all bands, including the new ones. QSL via home callsigns.
- PUØF is the Fernando de Noronha call of PP1CZ and others, in a multi-single entry. The operators will be there Oct. 17-31, using their home calls /PYØF; QSL home calls.
- V47KP is K2DOX again this year, for both the SSB and CW tests. He'll be active on the new bands outside the tests, beginning Oct. 16. QSL home call.

-continued on page 2-

Propagation Forecast and Historical Data

Day Forecast	27 D	ays Before	55 Days Before
October 1992	Date	Flux A K	Date Flux A K
9 High Normal	09/12	117 04/09 1	08/15 131 07/10 2
10 High Normal	09/13	127 04/08 2	08/16 137 08/10 0
11 High Normal	09/14	122 07/09 2	08/17 134 02/05 0
12 High Normal	09/15	120 09/10 1	08/18 130 04/06 2
13 Low Normal	09/16	127 09/11 2	08/19 135 05/06 2
14 Disturbed	09/17	119 52/76 3	08/20 156 13/24 1
15 Below Normal	09/18	118 22/26 3	08/21 125 09/11 2
16 Low Normal	09/19	113 09/11 2	08/22 122 15/22 3
17 Low Normal	09/20	106 09/07 2	08/23 111 40/68 3
18 Low Normal	09/21	110 05/07 1	08/24 102 06/10 2
19 Low Normal	09/22	112 11/14 2	08/25 98 04/08 1
20 High Normal	09/23	112 11/09 2	08/26 93 13/16 2
21 High Normal	09/24	112 02/04 1	08/27 94 13/13 2
22 High Normal	09/25	116 07/07 3	08/28 96 03/06 1
23 High Normal	09/26	117 06/06 1	08/29 95 05/15 1
24 High Normal	09/27	121 03/04 1	08/30 95 04/07 1
25 Low Normal	09/28	116 09/12 2	08/31 97 01/07 1
	-		•

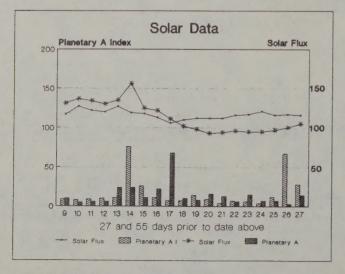
Propagation Watch

The bands continue to be very up and down. In the absence of solar flares, the bands have been pretty good, but numerous solar flares have disrupted the geomagnetic field, resulting in occasionally poor propagation.

When the bands are good, they can be very good. The long path at local dawn and sunset is now better on 40 (and 30!) meters than on 20, but is still productive. At times the maximum useable frequency (MUF) pushes above 24 MHz, opening 12 and 10 meters, but mostly on north-south paths. If the A and K indices are low, and the solar flux is 110 or more, look for openings on the higher bands.

Solar flux should drift lower over the next two weeks, perhaps as low as 100. This will reduce high-band openings, but should provide good conditions on the lower bands, if we don't get hit by any major flares. Sunspot Region 7303 is growing rapidly, and may disrupt the geomagnetic field next week. Check WWV and WWVH for the latest news on flares.

The forecast for CQWW SSB test Oct. 24-25 is for flux 100-110, and a quiet geomagnetic field. Saturday will probably be better than Sunday, when some flare-producing Regions return to the visible side of the sun. Good hunting!



COWW SSB Operations, Continued

- ZF2JI is a multi-single entry from the Cayman Islands (NA-016), by John Attaway K4IIF, and others. QSL via KG6AR
- C6AHI is another multi-single effort from Bimini Islands (NA-048), with operators Al WA3YVN, Jan WA4VQD, Bob KI4LP, Bill WA4EMU, and Grant KE5DP. QSL via WA3YVN, P. O. Box 2235, Melbourne FL 32902.
- KC6WW is a multi-multi effort by several Japanese amateurs, headed by JH2BNL. They'll be on from Koror Island (OC-009). QSL this KC6WW operation only via Makoto Inagaki JA2NVY, Box 73, Sekishi 431-31 Japan. [QSL other KC6WW contacts via JA2NQG.]
- WR6R/KH6 will be active again on all bands, from Maui; OSL home call.
- J68ZR is a multi-single operation by Dick W7ZR and Pam AA7CM, who operated as V31ZR last year. They'll be on CW before the contact. QSL to W7ZR.
- V44KF and other members of the new DX club on St. Kitts will be active in the test.
- P40J will be a SEDXC multi-op entry from Aruba, with Mike K4PI and WX4G operating. They'll be on all bands, including the new bands, on CW and SSB outside the test, Oct. 17-27. QSL via K4PI.
- VS6WO will be a small multi-multi from Hong Kong, with Dave Patton WX3N among the operators. Dave will be active as VS6/WX3N Oct. 22-Nov. 30; QSL to AAØCR.
- J6?: Jon Eastman KB6ZBI, Bob Hamilton KØIYF, Wayne Yoshida KH6WZ, and Mike reagan NI7T will operate multi-single from St. Lucia, with callsign and QSL route to be announced. The operators will be there Oct. 20-28. NI7T plans some satellite operation (and maybe six meters) outside the test.
- VP5?: Members of the North Florida DX Assn. will be active from the Turks and Caicos Oct. 21-30, signing /VP5. Contest callsign to be announced later. QSL all stations, including the contest call, via K4UTE.
- J3? Tim Totten KJ4VH will operate single-op from Grenada, with a callsign to be announced. QSL home call.
- 8P9Z will be a multi-op entry in the test; QSL K4BAI.
- J80D will be a multi-single effort, by W8KKF and others; QSL via W8KKF. (OPDX.)
- The latest CQWW.CTY files are available for downloading from the DX-BBS, 916-992-0923 8N1, 14400/9600/2400 baud; ask for CTY.ZIP. Thanks N6RJ.

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, KT7H, AA7AV, AB4PW, DXNS, JA2NQG, JA8CDG, KØCVD, KØKLK, K2AJY, K2DOX, K2PEQ, K4BAI, K4II, K4IQJ, K4PI, K4UTE, K5FUV, K6IR, K7EFB, K7EX, K8CV, K8OQL, K9UE, KA7T, KG4O, KG6AR, KH6WZ, KJ4VH, KM9J, KN4FY, KSØM, LCRA, NØABA, N1HN, N2GLH, N2VW, N4UU, N6RJ, NE8Z, NS2G, OH1NOA, OPDX, SMØAGD, V44KF, VE1RJ, VE1YX, WØJRN, WØRXL, W1BFT, W1NH, W2GD, W2WW, W4VQ, W4ZYT, W5ZPA, W6JOX, W6UQF, W6WBY, W7ZR, W8CT, W9DH, W9RXJ, W9TKV, WA3YVN, WA9AQE, WB2DND, WB8YJF, WB8ZRL, WD9GGY, WR6R, WS7W, WU6T, WX3N, and KT7H. Thanks a lot! -chod.

$B \cdot A \cdot N \cdot D \cdot P \cdot A \cdot S \cdot S$

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet. All "portable" calls listed with country of operation first, regardless of format used on the air.

S M W S 20 21 22 23 24 25 26 27 28 29 30 2 3 5 7 6 8 9 10 4 14 11 12 13 15 16 17 18 19 20 21 22 23 24

RTTY

160 Meters

VK5BC 1832 1051 26 WV

80 Meters

 JA1CGM
 3505
 1045
 22
 NH

 T32CW
 3501
 1000
 24
 NH

 UAØFZ
 3504
 1135
 29
 AL

 VK6HD
 3505
 1142
 28
 AL

40 Meters

3B8CF 7004 0200 24 VA 3B8CF * 7008 1432 28 ID 0350 26 IA 3DAØBK 7007 4K2MAL 7004 1046 26 AL 4L0FWW 7008 0010 23 IA 6W6JX 7008 0621 21 OH **9J2BO** 7015 0425 23 KS 9U2BO 7015 0432 23 CO C9RJJ 7015 0405 24 IA ES1WN 7008 0431 24 NY FK8FS 7010 0620 26 CA H44AP 7156 1100 29 IA HEOPOL 0516 24 NY 7013 ISOOMH 7008 0029 29 FL OA4/ 7007 0104 30 FL K3JXC OD5/ 7002 0015 23 IA SP7LSE 7025 1215 28 IA P29DK **PYØTUP** 7005 0100 24 IA TF3CW 7010 2340 24 WY 28 AL TR8GR 7015 2345 0120 29 IA TR8NSY 7011 **UJ8JI** * 7009 1235 23 IA VK6BN * 2325 25 IA 7004

30 Meters

VP8GAV

YB3OSE

Z21HS

3B8CF 10107 1224 23 AL 4K2MAL 10114 0401 27 MN 4K2MAL 10110 1240 26 MN 4LØFWW 10103 0321 28 PA 9J2HN 10103 2030 22 NS

7024

7010

7006

0935 28 CA

1149 30 AL

0305 24 IA

9K2MU	10123	2237	23	NH	
EA6ZY	10102	2242	30	PA	
FK8GJ	10103	1300	23	ОН	
FP/SP5SS	10117	0127	28	MN	
FY5FY	10105	2246	1	FL	
PZ1DV	10105	0211	27	MN	
TA2AH	10104	2303	28	PA	
VK6HD	10104	2323	26	PA	
YN/	10102	1202	21	AL	
SMØOIG					
ZA1C	10103	2202	22	ОН	

20 Meter CW

3A21 F 14006 2004 24 NH 3B8CF 0322 14034 23 3B8FG 14019 0251 21 VA 3DAØBK * 14018 1320 27 CA 4K1YAR 14018 1405 26 II 41 OFWW 14014 0255 23 CA 4LØFWW 14030 2155 26 MN 5NØSKO 14040 2350 26 GA 5NØZKJ 14014 2140 26 MN 7P8SR 14025 2135 2 FL 7Q7LA * 14005 22 1355 CC 9M2NA 14018 1451 28 ID AM9UK 14044 1109 27 FI BV2TA 24 MI 14008 1211 **BV4CT** 14023 1500 25 IL C9RJJ 14027 0450 22 CA C9RJJ 14003 2107 26 MN EA8BXY 14031 1023 3 FI **FX8TA** 14010 0025 2 FI FK8GJ 14009 1320 30 MN FR5DD 14020 0445 22 CA 1930 FR5DD 14003 22 MN FR5FI 14048 0246 28 MN 24 MD FR5ZU/E 14003 1234 25 NH **HFØPOL** 14013 1939 HKØER 14024 0108 30 FL **HSØZBB** 14022 3 1329 FL JU830C 14007 1143 24 WV KG4DD 14027 0100 26 CA OD5/ 14024 2346 27 MN SP1MHV PYØFF 14001 1525 26 MN **UI8GA** 14022 0204 27 MN **UI8GA** 14009 1205 24 MI **UI8GBK** 14019 0157 28 MN 23 ID **UISAAD** 14047 1516 VP8GAV 14015 0122 28 MN VR2GC 14030 1410 26 IL VU2KSE 0156 28 MN 14018 VU2YK 14018 1226 27 MN ZA1Z 14020 0125 24 MO ZS5ADV * 14027 1436 28 ID

20 Meter SSB

9K2EC 14160 0027 26 II 9K2GS * 1228 14190 26 MN 9K2VV 14236 2320 27 MN 9M2ER 14198 1242 24 IL 9N1USB 14160 2130 23 SC A71BV 14217 2240 27 MN

FH8CB	14241	0338	20	WI	
FR5DX	14184	0300	24	CO	
KG4CW	14245	0235	30	MN	
STØDX	14243	0117	28	OR	
T3ØJH	14222	0556	30	NV	
TZ6VV	14218	2225	28	MN	
UJ8RA	14225	0044	24	WI	
V85AA	14175	1246	25	MD	
VP8CFM	14251	0145	26	CA	
VU2RA	14170	0305	25	CO	
ZK1TW	14222	0530	30	NV	

17 Meter CW

4K2MAL 18068 0148 27 KS 1942 5NØZKJ 18081 7P8FE 18086 1916 25 NY FP/SP5SS 18098 1856 26 MN FR5GG 18075 1633 28 ID LY1DC 18073 1518 28 ID VP2MLD 26 VA 18078 2030 VQ9RM 18086 1601 25 NH

17 Meter SSB

XT2DK 18160 2224 19 MA

15 Meter CW

388FO 21008 1939 25 MO 4L0FWW 25 NH 21012 1439 5Z4TT 21007 1955 26 NH **707XX** 21002 1707 28 ID 8A2P 21023 0050 26 CA 8R1.J 21012 2150 26 MO A46RS 1325 21019 28 NY BY4RB 21026 0152 28 C9RJJ 21019 1925 27 MN FP/SP5SS 21018 1848 24 SC 21026 HJØVGJ 1827 23 NH 2328 25 WV P29DK 21016 SV9/ 21014 1455 3 DL4EBN TF3GCN 21013 2128 26 VA UC2WAF 21022 1704 28 ID 26 NY VU2BK 21048 1409 21014 1636 23 NY YC4GDZ YN/ 21008 1219 24 VA **SMØOIG**

15 Meter SSB

2140/	21201	1751	20	**/~
N9MDW				
5R8AB	21260	1855	26	IA
5Z4MR	21280	2036	27	NV
9K2MC	21246	1650	25	WA
FP/	21295	1549	28	NV
SP5SS				
FR5ZU/E	21313	1846	26	NV
KC6TH	21265	0211	25	OR
S79KMB	21321	1705	28	NV
TU2HW	21300	2031	26	MN
TZ6VV	21390	2157	27	GA
VR6MW	21422	0026	28	IL
VR6TC	21345	0031	30	MN

21207 1731 25 WA

VR6BX	21442	0115	28	IA	
VU2MPS	21214	1515	25	IL	
YN7JL	21305	1729	27	GA	
YS9YS	21350	1613	26	GA	

12 Meter CW

4LØFWW	24900	1252	27	NH
7Q7XX	24909	1409	27	FL
9K2MU	24911	1550	27	MN
FR5GG	24898	1414	24	ОН
J88AQ	24891	1347	24	NH
KG4DD	24899	1504	27	NY
OD5/	24897	1244	27	MN
SP7LSE				
OY1R	24900	1613	27	NY
RYØU	24945	1620	24	FL
VP2MLD	24895	2003	26	MN
VQ9QM	24904	1500	19	OH
VQ9RM	24906	1529	25	NH

12 Meter SSB

KG4DD 24940 1426 27 MN KH2FT 24935 0240 24 CA PZ1EL 24955 1935 27 MN

10 Meter CW

10 Meter SSB

5H3SW 28526 1845 26 MN 28521 1834 5Z4PL 26 MN 7X2DG 28506 1715 26 MN C9RJJ 28470 1435 26 MN SU1AL 28550 1550 27 IA YI1BGD 28497 1520 28

Current and Future DXpeditions

Current	allu	ruture	Dybeami	JIIS
(Changes and hot	info ir	boldface.)		
DXCC Country	Prefix	Callsign	Dates	Issue
Anguilla	VP2E		VP3EX Oct.	20-271657
Antigua	V2/	JAs	Oct. 21-28	1657
Bright west	V2/G6	QQ	Oct. 14-Nov.	4 1657
Aruba	P4	P40W	CQWW SSB/	CW 1657
Ascension Island	ZD8	ZD8Z	Oct. 13-28	1656
Bahamas	C6	C6AFT	CQWW SSB	
	C6A/V	V5s	Oct. 19-23	1658
Bangladesh	S2	S21A	20/15M SSB	
		S21U?	to Oct. 20	1658
Barbados	8P	8P9DR	Oct. 26-Nov.	
Belize	V3		Oct. 20-25	1657
British Virgins		/WA2VUY	CQWW SSB	
Cayman Islands	ZF	ZF2RJ	CQWW SSB	
Chad		WA4OBO	Mid-Oct.	1654
China	BY	BY1BJ	CQWW SSB/C	
Cocos Island	TI9	TI9JJP	Nov. 1-11	I658
		SMØAGD	Oct. 28-Nov.5	
Easter Island			Oct. 8-12	
Eastern Malaysia				1655
Fiji	3D	3D2BG	Nov. 1-11	1658
French Polynesia			Oct. 16-Nov 1	
Galapagos	HC8	HC8A	CQWW SSB	
Grenada	J3	J37L	Oct. 21-27	
Guam	KH2		CQWW SSB	
Juan de Nova/Eur		FR5ZU/J/E	Sept. 21-Oct.	
Malyj Vysotskij			Oct. 22-26	1657
Market Reef	OJØ/		Oct. 5-12	1658
Marshall Islands		V73IO/UY	Sept. 28-Oct.	
Minami Torishim		JD1/JJ1ZNF	to Nov.	1654
Ogasawara	JD1	JD1BFI	Sat. 15Z 2125	
Papua New Guine		P2ØA	CQWW SSB	M/SI64
Sable Island	CY	CYONSM	Oct. 2-9	1656
St. Martin	FS	FS/AI7B	CQWW SSB/C	
St. Pierre & Miqu	ielon	FP/SP5SS	Sept. 15-Oct.	15 I654
San Felix	CEO	XQØX	now active	I658
Senegal	6W	6V6U	CQWW SSB	1657
Seychelles	S7	S79IDY	Oct. 21-26	I658
South Shetlands	HFØP	OL low bands	0130-0430Z	1656
Sri Lanka	4S	4S7DEG	Oct. 7-30	I656
Swaziland	3DAØ	Gs	Oct. 10-18	1657
Trindade	PYØ	PYØTUP	to Oct. 15	1652
Turks and Caicos			Oct. 20-27	1654
Uganda	5X	5X5WR	late Nov.	1657
Vietnam	XV	XV7TH	21295 1300Z	
Wallis Island	FW/	G4DZC	Oct. 20-27	1655
		FW?	Oct. 28-Nov.	
Western Samoa	5W	5W1??	Sept. 22-Oct.	
Willis Island	VK9V		Oct. 7-14	1656
			X Gatherin	
VIIICI ALI	# E 2" E 1		/ N N I (I I I I I I I I I I I I I I I I	E 13

Operating Events and DX Gatherings

Oper	Operating Events and Dix Gatherings						
Dates	Event	Reference:					
Oct. 10-11	VK/ZL CW	DX Contest Oct. D	X Magazine				
Oct. 10-11	DXPO 92, V	Vashington DC					
Oct. 11	RSGB 21/28	MHz SSB Test DX	K Magazine				
Oct. 17-18	Worked All	Germany test	QST				
Oct. 18	RSGB 21 M	Hz CW Test DX M	<u>lagazine</u>				
Oct. 24-25	CQWW SSE	Contest	CQ				

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Albania	ZA1C	10103	2200Z
Antarctica	4LØFWW	14015	0120Z
Asiatic Russia	UAØFZ	3502	1100Z
Chagos	VQ9QM	28025	1430Z
Chagos	VQ9QM	24907	15-1600Z
Eastern Malaysia	9M8JH	7006	1300Z
Georgia	4LØFWW	14025±	often
Georgia	4L0FWW	21015±	1500Z
Lebanon	OD5/SP7LSI	E 24898	13-1600Z
Liechtenstein	HBØ/HB9NI	24891	1420Z
Macao	XX9AS	1\20M SS	SB 1200Z
Malawi	7Q7RM	28028	1930Z
Malawi	7Q7XX	24908	1400Z
Mauritius Island	3B8FG	14020	0300Z
Mauritius Island	3B8CF	7006±	03,1430Z



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DXCC Country	Callsign	Freq.	UTC
Mauritius Island	3B8CF	10106	1225Z
Mayotte	FH8CB	14241	0300Z
Mozambique	C9RJJ	28010±	14-1700Z
Mozambique	C9RJJ	20M CW	0430Z
Mozambique	C9RJJ	21022±	1300Z
Mozambique	C9RJJ	7010±	0400Z
New Caledonia	FK8GJ	14009	1320Z
Nicaragua	YN/SMØOIG	15M CW	1200Z
Nigeria	5NØZKJ	14013	2140Z
San Andrés	HJØVGJ	21026	1830Z
South Shetlands	HFØPOL	7011	0500Z
St. Kitts	V44KAO	28016	1815Z
St. Pierre	FP/SP5SS	21295	1400Z
Surinam	PZ1DY	28025±	1340Z
Swaziland	3DAØBK	14016	1320Z
Tajikistan	UJ8RA	14235±	0100Z
Zimbabwe	Z21HS	7007	·0300Z